

ABSTRACT OF THE DISCLOSURE

A thermo-sensitive heater and heater driving circuit are disclosed. The thermo-sensitive heater comprises a cord-shaped nylon thermistor that surrounds a heating element, such that the thermistor detects the temperature of the heating element and controls the driving current for a heating coil. Also, the present invention includes electromagnetic shielding material, which is formed by winding an electric conductor around the outer surface of the nylon thermistor, or formed as a wire mesh. This shielding material is advantageous for discharging the electric field radiated from inside of the heater to an external electric field, thus safely eliminating harmful electric fields. Also, the present invention further provides a driving circuit for safely driving the heater, which includes a temperature controller or an overheating prevention circuit.